

Amendments To the Claims:

Please amend the claims as shown.

1. (currently amended) A Mmethod for coating a substrates ~~(1)~~ having at least one hole ~~(4)~~,
comprising:

wherein, covering in a first step, the at least one hole ~~(4)~~, of which there is at least one, is
covered by with a plug ~~(16)~~;

applying in a further step, at least one layer ~~(13)~~ is applied to a surface ~~(3)~~ of the substrate ~~(1)~~
and via a low-temperature coating process being used as the method of applying the layer ~~(13)~~;
and

irradiating in a further step, irradiation of a surface ~~(15)~~ of the at least one layer ~~(13)~~, of which
there is at least one, taking place so as to provide better improve adhesion of particles of the
layer and to ensure homogenization of particles in the near-surface region of the layer ~~(13)~~.

2. (currently amended) A Mmethod according to Claim 1, ~~characterized in that~~ wherein the
substrate ~~(1)~~ is a turbine blade.

3. (currently amended) A Mmethod according to Claim 1, ~~characterized in that~~ wherein
during irradiation a region below the surface ~~(15)~~ of the layer ~~(13)~~ is at least partially fused.

4. (currently amended) A Mmethod according to Claim 1, ~~characterized in that~~ wherein an
electrochemical method for depositing layers is used as the low-temperature coating process.

5. (currently amended) A Mmethod according to Claim 1, ~~characterized in that~~ wherein the
temperature for the low-temperature coating process is below 250°C, specifically below 100°C.

6. (currently amended) A Mmethod according to Claim 1, ~~characterized in that~~ wherein
irradiation of the surface ~~(15)~~ is performed using pulsed electron irradiation.

7. (currently amended) A Mmethod Method according to Claim 1, ~~characterized in that~~
wherein irradiation of the surface ~~(15)~~ is performed using a laser treatment.

8. (currently amended) ~~A M~~method according to Claim 1, ~~characterized in that~~ wherein during or at the end of irradiation of the surface (15), the plug (16) is removed from the near-surface region of the hole (4).
9. (currently amended) ~~A M~~method according to Claim 8, ~~characterized in that~~ wherein the plug (16) is removed by evaporation.
10. (currently amended) ~~A M~~method according to Claim 1, ~~characterized in that~~ wherein the layer (13) is a ceramic, specifically a ceramic heat insulating layer, or a metal, specifically a MCrAlY coating (M= Fe, Co, Ni).
11. (currently amended) ~~A M~~method according to Claim 1, ~~characterized in that~~ wherein the hole (4), of which there is at least one, is a film cooling hole or an impingement cooling hole.
12. (currently amended) ~~A M~~method according to Claim 1, ~~characterized in that~~ wherein the plug (16) is of a wax-like material.
13. (new) A method for coating a turbine component having at least one hole, comprising:
covering the at least one hole with a plug;
applying at least one layer to a surface of the turbine component via a low-temperature coating process; and
irradiating a surface of the at least one layer to improve adhesion of particles of the layer and to ensure homogenization of particles in the near-surface region of the layer.
14. (new) A method for recoating a substrate, which has already been used and having at least one hole, comprising:
covering the at least one hole with a plug;
applying at least one layer to a surface of the turbine component, via a low-temperature coating process; and

irradiating a surface of the at least one layer to improve adhesion of particles of the layer and to ensure homogenization of particles in the near-surface region of the layer.